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**Advanced
Biological
Testing Inc.**

5685 Redwood Dr., Suite 105
Voice (707) 588-2880

Rohnert Park, Ca 94928
Fax (707) 588-2884

Fax Transmittal Sheet

To:

David Dwinell

Company:

ACOE

From:

Kurt Kline

Project:

No. of Pages including cover:

3

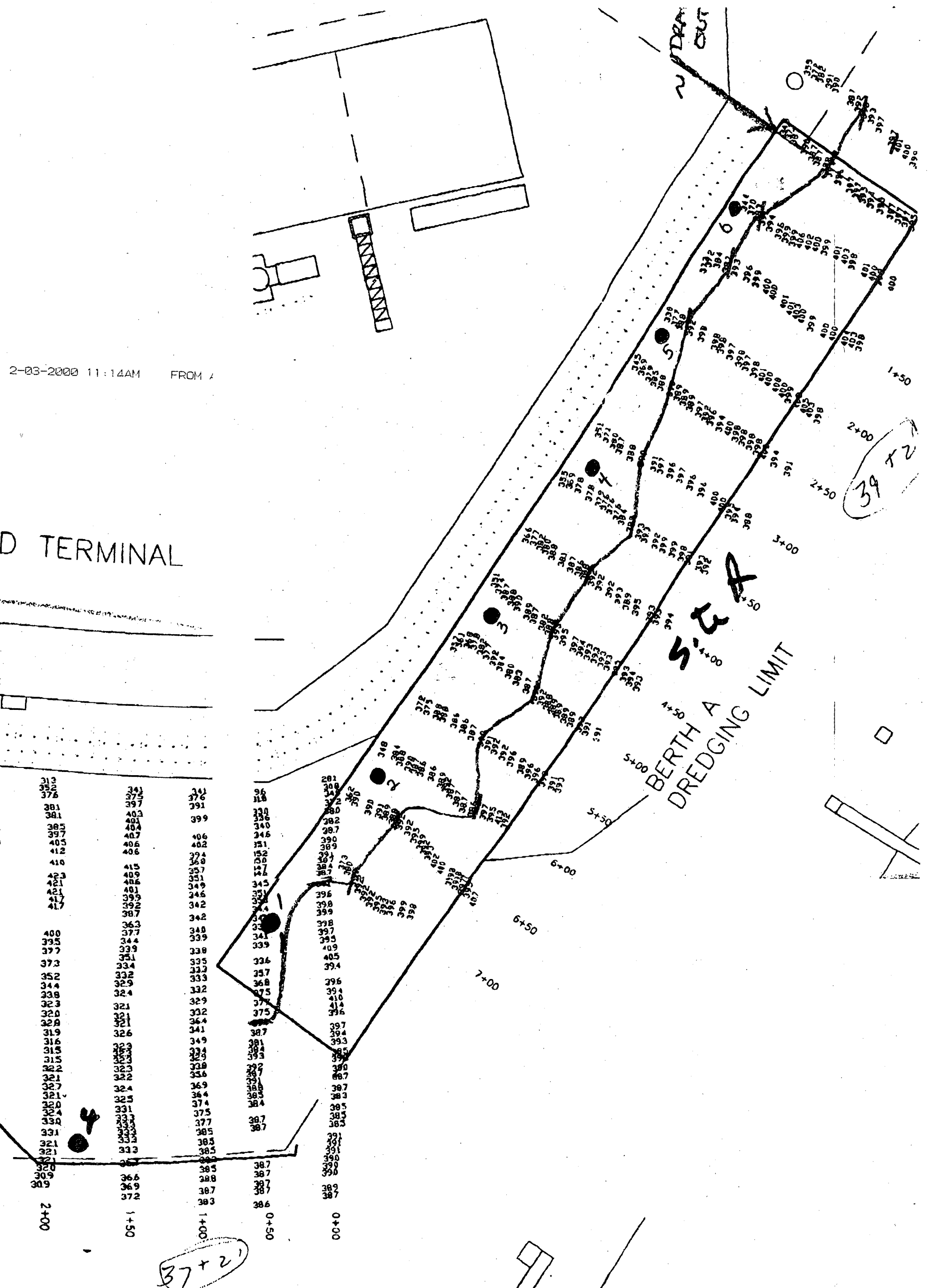
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ADVANCED BIOLOGICAL TESTING INC.

MEMORANDUM

TO: Mr. David Dwinell
DMMO ACOE- SF Division
333 Market St.
San Francisco, Ca

FROM: Dr. Kurt F. Kline *KFK*
Advanced Biological Testing Inc.

SUBJECT: Revision of the Levin Terminal SAP for dredge material testing

DATE: February 2, 2000

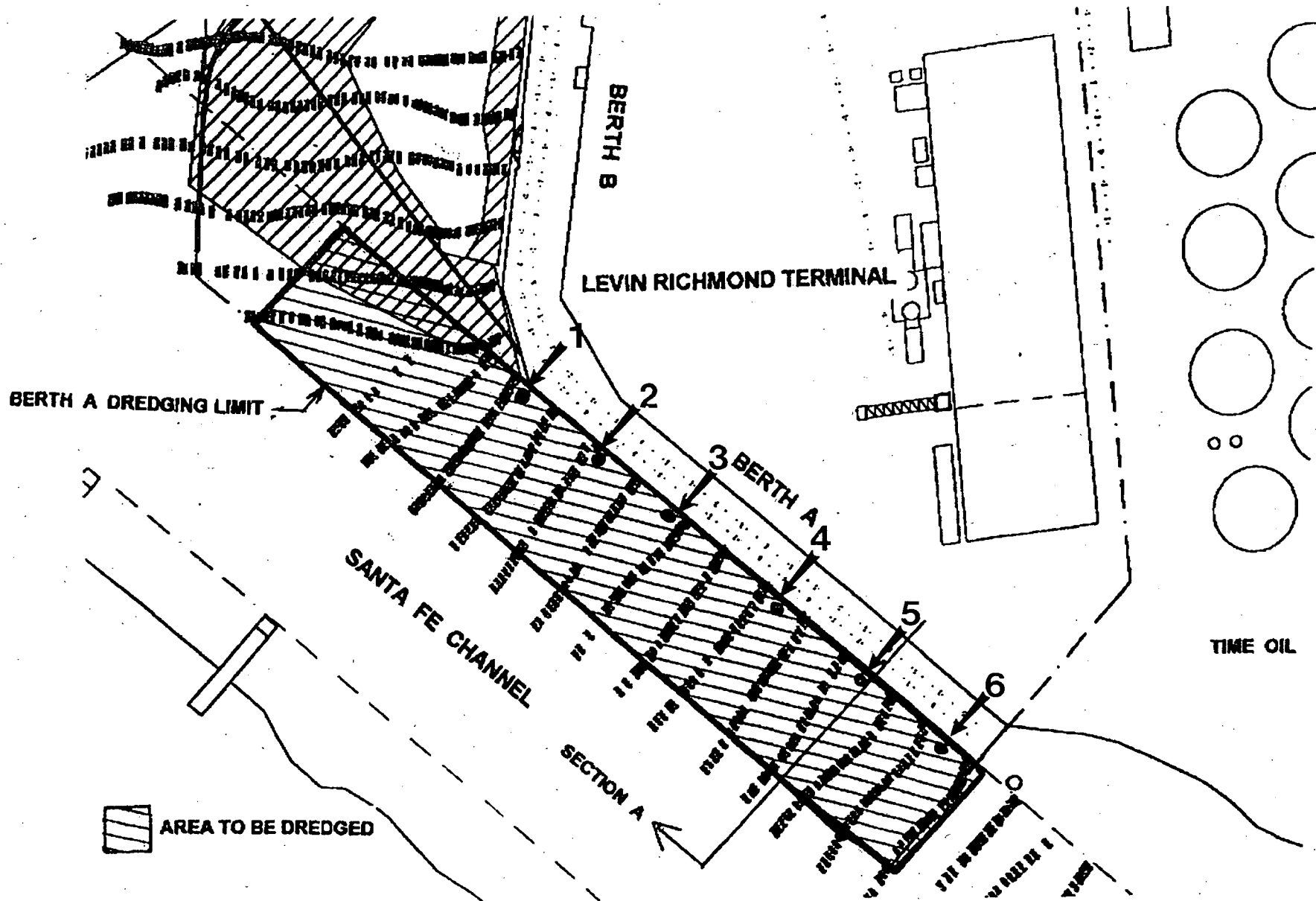
As requested, I am revising the sampling plan previously submitted for the Levin Terminal in Richmond. After some discussion within the DMMO, it was determined that a phased chemistry approach would be more suitable for the site than the method proposed in the SAP.

The revisions to the SAP include:

1. Six sample stations spaced approximately equal distance apart along the face of Berth A. The sampling map is attached.
2. Each station would be sampled to -39 feet MLLW plus a two foot overdredge to a total depth of -41 feet MLLW.
3. Each sample will be analyzed individually for:
 - a.) Bulk chemistry list as described in the SAP
 - b.) Standard method WET test for both metals and organics using low detection limits that would be acceptable for ocean WQC.
4. The results of the testing will be submitted to the DMMO for further review.
5. Potentially the sediments may require aquatic bioassay and the SAP described the methods proposed.

If you have any questions, please feel free to call me at (707) 588-2880.

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11



BERTH "A" PLAN

PURPOSE: Provide Navigable Berth Depths
 DATUM: mhw
 ADJACENT PROPERTY OWNERS:
 Time Oil Co.
 Manson Construction Co.
 Tidewater Sand & Gravel Co.



PROJECT: Maintenance Dredging
 IN: Richmond Inner Harbor
 AT: Santa Fe Channel and
 Lauritzen Canal
 COUNTY: Contra Costa
 APPLICATION BY: Levin Terminal
 Sheet 2 of 5 2/8/99